ABSTRACT

In an infrared imaging device, shutting means **40** is configured so that it can be opened/closed and so as to shut off an infrared radiation coming into an optical system **20** when it is closed. During an imaging operation, the shutting means **40** is opened, and the optical system **20** causes an infrared radiation from an object **70** to form an image on an infrared detector **10**. The infrared detector **10** outputs a signal according to the amount of infrared light received by each pixel. Correction means **30** corrects sensitivity variations among pixels, the influence of the infrared radiation from the optical system **20**, etc. During a calibration operation, the shutting means **40** is closed, and the correction means **30** determines a correction coefficient for correcting fluctuations in the amount of infrared radiation from the optical system **20** by using the output of the infrared detector **10** imaging the shutting means **40**.